BIOGRAPHICAL SKETCH

NAME: FATHI ELLOUMI   **POSITION TITLE**: NRC RESEARCH ASSOCIATE

EDUCATION

Institution	Degree	Year	Field of study
University of Tunis (Tunisia), Institut Superieur de Gestion	B.S	1984	Management/ Computer Sciences
University of Nice (France), Faculty of Sciences	M.S	1985	Databases/ Artificial intelligence
University of Tunis (Tunisia), Faculty of Sciences	PhD	1990	Software Engineering

PROFESSIONAL EXPERIENCE

2007-present   Environmental Protection Agency RTP NC (USA), NCCT
Research Associate-Senior Fellow NRC

2004-2007   National Institutes of Health (USA), NIAID-RTB
Visiting Researcher-Senior Fellow ORISE

1994-present   University of Tunis (Tunisia), Institut Superieur de Gestion
Assistant Professor in Computer Sciences

1992-93   University of Tunis (Tunisia), Institut Superieur de Gestion
Teaching Assistant in Computer sciences

1990-91   University of Sousse (Tunisia), Faculty of economic sciences and law
Teaching Assistant in Computer sciences

1988-90   Computer Center of Tunisian Ministry of Planning and Finance
Analyst

1987-88   University of Tunis (Tunisia), Faculty of sciences
Part-time Assistant

1986-88The MILOG computer Service company
Programmer Analyst

CONSULTING EXPERIENCE

1991-2004 Consultant for various Tunisian public and private companies in different capacities: auditor, adviser and information systems conceptual designer.

AFFILIATION

1988-2003 Member of research team in programming, algorithmic and heuristics (ERPAH) at Faculty of Sciences of Tunis

PUBLICATIONS

Elloumi, F and Nason, M (2007). SEARCHPATTOOL: a new method for mining the most specific frequent patterns for binding sites with application to prokaryotic DNA sequences. BMC Bioinformatics 2007, 8:354

Elloumi, F. and Gammoudi, M. (1999). Generation of high confidence and large association rules using Galois lattice. The 3rd IMACS/IEEE International Multi-conference CSCC'99, Athens (OTE) Greece, July 4-8

Boudriga, N., **Elloumi, F**. and Mili, A. (1992). On the Lattice of Specifications: Application of a Specification Methodology. Formal Aspects of computing, Vol. 3: pages 1-28.

Boudriga, N., **Elloumi, F**. and Mili, A. (1991). On the lattice of specifications. Second Montreal workshop on Programming Language Theory. Montreal, PQ, December 13-15 1991. Concordia University.

Boudriga, N, **Elloumi, F**. and Mili, A. (1990). The Lattice of specifications. Fifth SIAM Conference on Discrete Mathematics, Atlanta GA, June 11-14.

Elloumi, F. (1990). The Use of Lattice in Program Specification and Analysis, Doctoral Dissertation, April 14.